

ALTON GEOSCIENCE BORING LOG

PROJECT: 23-0047

BORING DATE: 1-20-92

LOCATION: MAIN AND EDINGER, SANTA ANA

GEOLOGIST: U. LIGMOND

TYPE: 10-INCH HOLLOW-STEM AUGER

BORING NO.: MW-8

DRILLING COMPANY: WEST HAZMAT DRILLING

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DEPTH (FEET)	I	BLOW CTS	MATERIAL ENCOUNTERED	USCS
—			Hand-excavated first 4 feet.	
5		2,9,12	Stiff, moist, dark yellowish-brown, fine-grained sandy CLAY; calcite deposits and some silt. CGI = 0 ppm.	CL
10	++	3,3,5	Soft, moist, dark yellowish-brown, silty CLAY; some sand. CGI = 0 ppm. TPH = ND, BTEX = ND.	CL
15		2,3,7	Firm, moist, moderate to dark yellowish-brown, fine- to coarse-grained sandy CLAY; silt. CGI = 0 ppm.	CL
20	++	4,4,8	Stiff, very moist to wet, moderate to dark yellowish-brown with olive gray areas, fine- to medium-grained sandy CLAY; and silt. CGI = 0 ppm. TPH = ND, BTEX = ND.	CL
25	▽	8,9,15	Very stiff, very moist to wet, moderate to dark yellowish-brown, sandy CLAY; and silt.	SC
			Medium dense moist, dark yellowish-brown, silty fine-grained SAND and clay.	SM
30		12,14,15	Medium dense, wet to saturated, dark yellowish-brown, clayey fine- to medium-grained SAND; and silt.	SC
35		8,8,9	Stiff, wet, dark yellowish-brown, fine- to coarse-grained sandy CLAY; and silt.	SC
			Stiff, moist to wet, dark yellowish-brown with olive brown areas, silty CLAY; trace to little sand.	CL
40		5,8,10	Stiff, wet, dark yellowish-brown with olive gray areas, silty CLAY; trace sand.	CL

TPH = Total Petroleum Hydrocarbons
TRPH = Total Recoverable Petroleum Hydrocarbons
▽ = Ground Water Piezometric Surface
ND = Not Detected
CGI = Combustible Gas Indicator

++ = Sample Analyzed for
Hydrocarbon Concentration
I = Sampling Interval
ppm = Parts per Million
LEL = Lower Explosive Limit

B = Benzene
T = Toluene
E = Ethylbenzene
X = Total Xylenes
Total Depth = 45.5 Feet

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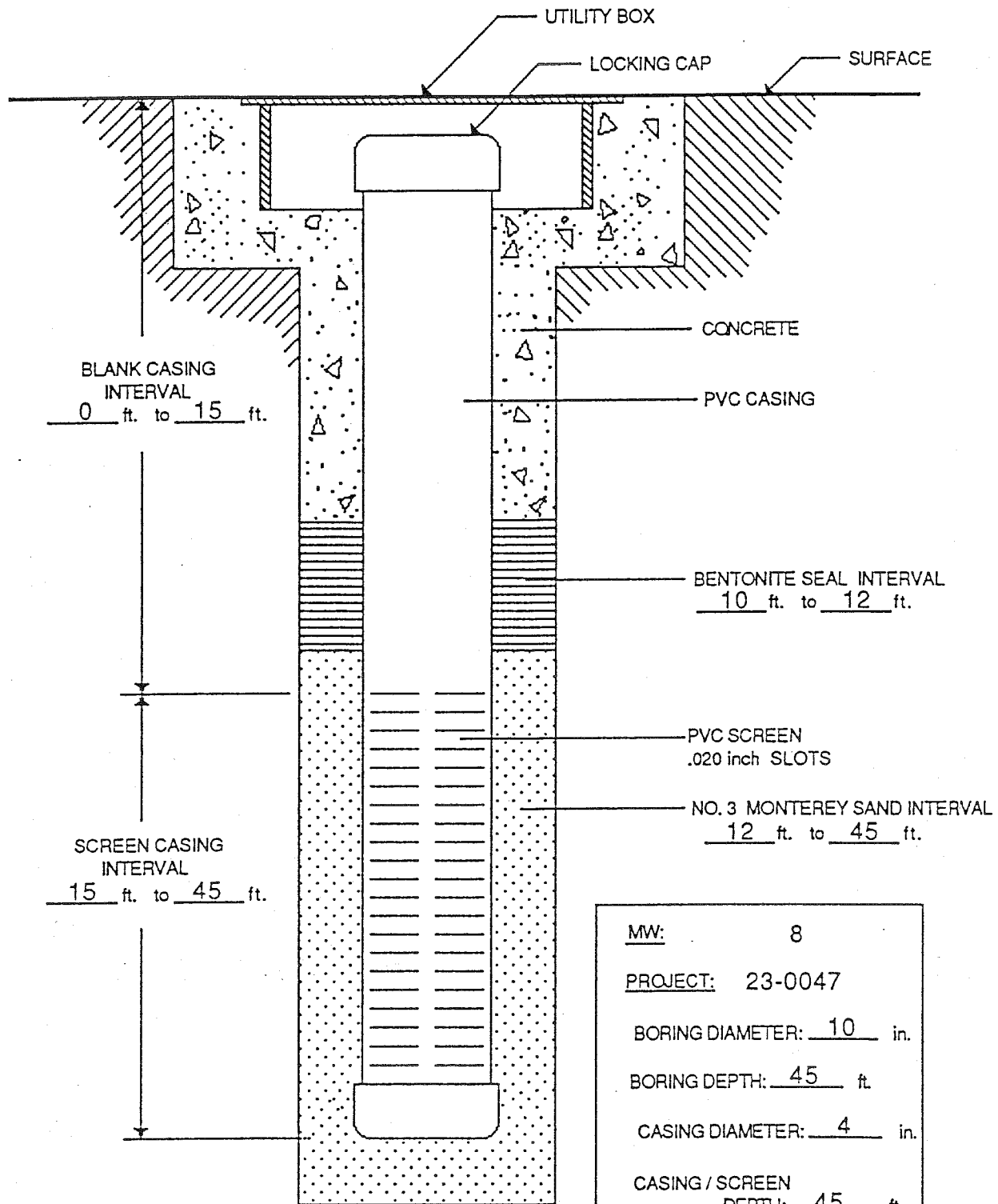
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MONITORING WELL CONSTRUCTION DETAIL



MW: 8
 PROJECT: 23-0047
 BORING DIAMETER: 10 in.
 BORING DEPTH: 45 ft.
 CASING DIAMETER: 4 in.
 CASING / SCREEN DEPTH: 45 ft.

NOTE: DRAWING IS NOT TO SCALE



**ALTON
 GEOSCIENCE**
 Irvine, California